

## CONSTRUCTION

Conductor	Size	12AWG X 2CORES
	Conductor Material	AS Annealed Copper Stranded
	Conductor construction (mm)	65/0.251 ± 0.003 (*)
Insulation	AVG. Thickness (mm)	0.42
	Min. Thickness at any point (mm)	0.34
	Diameter (mm)	3.20 ± 0.20
	Material	Lead Free PVC
	Color	Core 1=Red ; Core 2=Black
	Binder	Tissue tape
	Ripcord	1000 D
Jacket	Nominal Thickness (mm)	0.71
	Min. Thickness at any point (mm)	0.57
	Diameter (mm)	7.80 ± 0.50
	Material	Lead Free PVC
	Color	BLACK / BLUE / WHITE

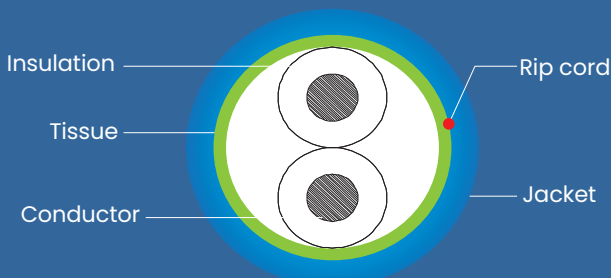
## ELECTRICAL & PHYSICAL PROPERTIES:

Item	12AWG X 2CORES		
Rating Temp & Voltage	75°C, 300V		
Conductor Resistance (Ohm/Km/20°C Max)	5.41		
Insulation Resistance	50 Mega Ohm.Km at 20°C (Minimum)		
Dielectric Strength (In water) AC	500 V/1 Minute (No Broken)		
Spark Test	1.80 KV for 0.15 seconds (No Broken)		
Insulation	Unaged	Tensile Strength	13.8 KV for 0.15 seconds (No Broken)
		Elongation	100 % (Minimum)
	Aged	Tensile Strength	Unaged Min. 70% (100±1°C x 240 Hrs)
		Elongation	Unaged Min. 65% (100±1°C x 240 Hrs)
Jacket	Unaged	Tensile Strength	13.8 Mpa (1.41 Kg/mm <sup>2</sup> ) (Minimum)
		Elongation	100 % (Minimum)
	Aged	Tensile Strength	Unaged Min. 70% (100±1°C x 240 Hrs)
		Elongation	Unaged Min. 65% (100±1°C x 240 Hrs)
Cold Bend Test	-20±1°C x 4 Hrs (No Crack)		

### Marking:

ULTRA FLEXIBLE ELITE AUDIO CABLE C(UL) CMR FT4 E122980-VN 12AWG/2C OFC (OXYGENFREE COPPER) (UL)  
CL3R 75°C ROHS COMPLIANT --- DIRECT BURIAL UV PROTECTED XXX/XXX FT MMDDYY

## CONSTRUCTION DRAWING:



REF. STANDARD: UL 13, UL 444